

APPENDIX E RESPONSE FROM VDOT PROJECT MANAGEMENT ON ALTERNATIVE NOISE ABATEMENT MEASURES

This appendix includes a memo and survey sent to the VDOT project managers about the potential for use of alternative noise abatement measures, pursuant to Virginia House Bill 2577.



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219 2000

Charles A. Kilpatrick, P.E.
Commissioner

November 10, 2016

MEMORANDUM

TO: Hamid Misaghian PE, Project Manager
Bryan Campbell, Environmental Contact

FROM: LJ Muchenje PE, Noise Abatement

SUBJECT: Rt. 638 (Rolling Road) - Widen to four lanes (UPC 5559)

The 2009 General Assembly passed Chapter 120 (HB 2577, as amended by HB2025), which amends the Code of Virginia by adding in Article 15 of Chapter 1 of Title 33.1 a section numbered 33.1-223.2:21, relating to highway noise abatement.

House Bill 2025 States: Requires that whenever the Commonwealth Transportation Board or the Department plan for or undertake any highway construction or improvement project and such project includes or may include the requirement for the mitigation of traffic noise impacts, first consideration should be given to the use of noise reducing design and low noise pavement materials and techniques in lieu of construction of noise walls or sound barriers. Vegetative screening, such as the planting of appropriate conifers, in such a design would be utilized to act as a visual screen if visual screening is required.

In an effort to honor the intent of HB 2025 we are asking for your input (per Chapter VI of Materials Division's Manual of Instruction and Section 2B-3 Determination of Roadway Design of the VDOT Road Design manual (pages 2B-5 and 2B-6)). As part of the Noise Technical Report and technical files, we are seeking your professional opinion by providing comments for the project noted above. Please distribute this memorandum to the appropriate District staff and combine all responses into one response.

Should you have any questions, please contact me at (804) 371-6768. Thank you for your time and consideration regarding this request.

Comment: Is noise reducing design feasible in lieu of construction of noise walls or sound barriers? For example, the roadway alignment can be shifted away from noise sensitive receptors or the roadway can be placed in deep cut (Location & Design to address)

Response: The horizontal alignment for this project was developed with the intent to minimize impacts to the residential properties adjacent to the roadway. The current horizontal alignment and design, arrived through an alternative analysis study and public input, provides the best solution to meet this goal. Shifting the horizontal alignment will create undesirable impacts such as increase right-of-way acquisition, temporary/permanent easements, and increase in disturbance to residential property.

The vertical alignment for this project was developed with the intent of minimizing impacts to residential property, reducing existing driveway grades to within acceptable limits, and tying into the existing closed drainage system. Placing the roadway in a deep cut is not feasible given that it would result in unacceptably high grades on the residential driveways and not provide adequate outfalls for the proposed drainage system. (Tyler Long, Whitman Requardt & Associates)

Comment: Can the project support the use of low noise pavement in lieu of construction of noise walls or sound barriers?

Response: The Virginia Department of Transportation is not authorized by the Federal Highway Administration to use “quiet pavement” at this time as a form of noise mitigation. Upon completion of the Quiet Pavement Pilot Program and approval from FHWA, the use of “quiet pavement” will be given additional consideration.

Comment: Can landscaping be utilized to act as a visual screen if visual screening is required? (Location & Design to address)

Response: Landscaping can be used as a visual screen if it is required. The landscaping must be placed such that it does not decrease driver sight distance and not require additional right of way. (Tyler Long, Whitman Requardt & Associates)

Note: Please provide the name of each responder.

APPENDIX F WARRANTED, FEASIBLE AND REASONABLE WORKSHEETS

This appendix provides the required Warranted, Feasible and Reasonable Worksheets for all of the noise barriers evaluated for this study.

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.	
Date:	14-Jun-19
Project No. and UPC:	0638-029-337, C501, R201; UPC 5559 / 109814
County:	Fairfax County
District:	Northern Virginia
Barrier System ID:	Barrier C1
Community Name and/or CNE#	CNE C (north of Rivington Road)
Noise Abatement Category(s)	B
Design phase:	Final design

Warranted	
1 Community Documentation (if applicable)	
a. Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b. Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	15-Feb-2018
c. Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2 Criteria requiring consideration of noise abatement	
a. Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b. Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility	
1 Impacted receptor units	
a. Number of impacted receptor units:	1
b. Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	1
c. Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d. Is the percentage 50 or greater?	Yes
2 Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3 Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4 Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	3,641 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	1
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	2
d. Total number of benefited receptors.	3
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,214 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	302 ft
b. Height range of the proposed noise barrier. (ft)	12-12 ft
c. Average height of the proposed noise barrier. (ft)	12 ft
d. Cost per square foot. (\$/ft ²)	\$42/SF
e. Total Barrier Cost (\$)	\$152,922
f. Barrier Material	Absorptive
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	
	Yes

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
The barrier is recommended for construction based on the results of the public preference survey.	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.	
Date:	14-Jun-19
Project No. and UPC:	0638-029-337, C501, R201; UPC 5559 / 109814
County:	Fairfax County
District:	Northern Virginia
Barrier System ID:	Barrier C2
Community Name and/or CNE#	CNE C (south of Rivington Road)
Noise Abatement Category(s)	B
Design phase:	Final design

Warranted	
1 Community Documentation (if applicable)	
a. Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b. Average height of the proposed noise barrier. (ft)	15-Feb-2018
c. Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2 Criteria requiring consideration of noise abatement	
a. Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b. Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility	
1 Impacted receptor units	
a. Number of impacted receptor units:	9
b. Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	9
c. Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d. Is the percentage 50 or greater?	Yes
2 Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3 Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4 Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	17,234 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	9
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	8
d. Total number of benefited receptors.	17
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,014 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,435 ft
b. Height range of the proposed noise barrier. (ft)	12-12 ft
c. Average height of the proposed noise barrier. (ft)	12 ft
d. Cost per square foot. (\$/ft ²)	\$42/SF
e. Total Barrier Cost (\$)	\$723,828
f. Barrier Material	Absorptive
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	
	Yes

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
The barrier is recommended for construction based on the results of the public preference survey.	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.	
Date:	14-Jun-19
Project No. and UPC:	0638-029-337, C501, R201; UPC 5559 / 109814
County:	Fairfax County
District:	Northern Virginia
Barrier System ID:	Barrier D
Community Name and/or CNE#	CNE D
Noise Abatement Category(s)	B
Design phase:	Final design

Warranted	
1 Community Documentation (if applicable)	
a. Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b. Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	15-Feb-2018
c. Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2 Criteria requiring consideration of noise abatement	
a. Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b. Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility	
1 Impacted receptor units	
a. Number of impacted receptor units:	3
b. Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	3
c. Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d. Is the percentage 50 or greater?	Yes
2 Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3 Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4 Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	4,459 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	3
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	10
d. Total number of benefited receptors.	13
e. Surface Area per benefited receptor unit. (ft ² /BR)	343 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	371 ft
b. Height range of the proposed noise barrier. (ft)	12-12 ft
c. Average height of the proposed noise barrier. (ft)	12 ft
d. Cost per square foot. (\$/ft ²)	\$42/SF
e. Total Barrier Cost (\$)	\$187,278
f. Barrier Material	Absorptive
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	
	Yes

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
The barrier is recommended for construction based on the results of the public preference survey.	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.	
Date:	14-Jun-19
Project No. and UPC:	0638-029-337, C501, R201; UPC 5559 / 109814
County:	Fairfax County
District:	Northern Virginia
Barrier System ID:	Barrier F
Community Name and/or CNE#	CNE F
Noise Abatement Category(s)	B
Design phase:	Final design

Warranted	
1 Community Documentation (if applicable)	
a. Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b. Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	15-Feb-2018
c. Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2 Criteria requiring consideration of noise abatement	
a. Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b. Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility	
1 Impacted receptor units	
a. Number of impacted receptor units:	1
b. Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	1
c. Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d. Is the percentage 50 or greater?	Yes
2 Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3 Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4 Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	5,222 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	1
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	4
d. Total number of benefited receptors.	5
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,044 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	437 ft
b. Height range of the proposed noise barrier. (ft)	12-12 ft
c. Average height of the proposed noise barrier. (ft)	12 ft
d. Cost per square foot. (\$/ft ²)	\$42/SF
e. Total Barrier Cost (\$)	\$219,324
f. Barrier Material	Absorptive
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	
	Yes

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
The barrier is recommended for construction based on the results of the public preference survey.	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.	
Date:	14-Jun-19
Project No. and UPC:	0638-029-337, C501, R201; UPC 5559 / 109814
County:	Fairfax County
District:	Northern Virginia
Barrier System ID:	Barrier G
Community Name and/or CNE#	G
Noise Abatement Category(s)	B
Design phase:	Final design

Warranted	
1 Community Documentation (if applicable)	
a. Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b. Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	15-Feb-2018
c. Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2 Criteria requiring consideration of noise abatement	
a. Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b. Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility	
1 Impacted receptor units	
a. Number of impacted receptor units:	2
b. Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	2
c. Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d. Is the percentage 50 or greater?	Yes
2 Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3 Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4 Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	4,946 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	2
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	3
d. Total number of benefited receptors.	5
e. Surface Area per benefited receptor unit. (ft ² /BR)	989 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	411 ft
b. Height range of the proposed noise barrier. (ft)	12-12 ft
c. Average height of the proposed noise barrier. (ft)	12 ft
d. Cost per square foot. (\$/ft ²)	\$42/SF
e. Total Barrier Cost (\$)	\$207,732
f. Barrier Material	Absorptive
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	
	Yes

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
The barrier is recommended for construction based on the results of the community survey.	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.	
Date:	14-Jun-19
Project No. and UPC:	0638-029-337, C501, R201; UPC 5559 / 109814
County:	Fairfax County
District:	Northern Virginia
Barrier System ID:	Barrier H
Community Name and/or CNE#	CNE H
Noise Abatement Category(s)	B
Design phase:	Final design

Warranted	
1 Community Documentation (if applicable)	
a. Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b. Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	15-Feb-2018
c. Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2 Criteria requiring consideration of noise abatement	
a. Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b. Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility	
1 Impacted receptor units	
a. Number of impacted receptor units:	6
b. Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	6
c. Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d. Is the percentage 50 or greater?	Yes
2 Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3 Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4 Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	10,624 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	6
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	4
d. Total number of benefited receptors.	10
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,062 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	1,028 ft
b. Height range of the proposed noise barrier. (ft)	10-12 ft
c. Average height of the proposed noise barrier. (ft)	10 ft
d. Cost per square foot. (\$/ft ²)	\$42/SF
e. Total Barrier Cost (\$)	\$446,208
f. Barrier Material	Absorptive
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	
	Yes

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
The barrier is rerecommended for construction based on the results of the community survey.	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.	
Date:	14-Jun-19
Project No. and UPC:	0638-029-337, C501, R201; UPC 5559 / 109814
County:	Fairfax County
District:	Northern Virginia
Barrier System ID:	Barrier J
Community Name and/or CNE#	J
Noise Abatement Category(s)	B
Design phase:	Final design

Warranted	
1 Community Documentation (if applicable)	
a. Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b. Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	15-Feb-2018
c. Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2 Criteria requiring consideration of noise abatement	
a. Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b. Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility	
1 Impacted receptor units	
a. Number of impacted receptor units:	10
b. Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	10
c. Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d. Is the percentage 50 or greater?	Yes
2 Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3 Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4 Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	11,731 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	10
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	0
d. Total number of benefited receptors.	10
e. Surface Area per benefited receptor unit. (ft ² /BR)	1,173 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	977 ft
b. Height range of the proposed noise barrier. (ft)	12-12 ft
c. Average height of the proposed noise barrier. (ft)	12 ft
d. Cost per square foot. (\$/ft ²)	\$42/SF
e. Total Barrier Cost (\$)	\$492,702
f. Barrier Material	Absorptive
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	
	Yes

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
The barrier is recommended for construction based on the results of the community survey.	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.	
Date:	13-Jun-19
Project No. and UPC:	0638-029-337, C501, R201; UPC 5559 / 109814
County:	Fairfax County
District:	Northern Virginia
Barrier System ID:	Barrier N
Community Name and/or CNE#	N
Noise Abatement Category(s)	B
Design phase:	Final design

Warranted	
1 Community Documentation (if applicable)	
a. Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	NA
b. Date of approval for the Categorical Exclusion (CE), Record of Decision (ROD), or Finding of No Significant Impact (FONSI):	15-Feb-2018
c. Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2 Criteria requiring consideration of noise abatement	
a. Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b. Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility	
1 Impacted receptor units	
a. Number of impacted receptor units:	8
b. Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	7
c. Percentage of impacted receptor units receiving 5 dB(A) or more IL	88%
d. Is the percentage 50 or greater?	Yes
2 Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3 Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4 Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	7,863 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	7
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	1
d. Total number of benefited receptors.	8
e. Surface Area per benefited receptor unit. (ft ² /BR)	983 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	656 ft
b. Height range of the proposed noise barrier. (ft)	12-12 ft
c. Average height of the proposed noise barrier. (ft)	12 ft
d. Cost per square foot. (\$/ft ²)	\$42/SF
e. Total Barrier Cost (\$)	\$330,246
f. Barrier Material	Absorptive
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	
	Yes

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
This barrier design was revised per comments received from the community as part of the public preference survey. This design avoids a potential conflict with a stairway that provides access between the cul-de-sac at Maple Tree Lane and the sidewalk on Rolling Road.	

VDOT Highway Traffic Noise Abatement Warranted, Feasible, and Reasonable Worksheet	
Note: Not all questions apply depending on the design phase which may cause differing answers between preliminary and final design phase. Answers to the questions may change depending on the design phase of the project.	
Date:	14-Jun-19
Project No. and UPC:	0638-029-337, C501, R201; UPC 5559 / 109814
County:	Fairfax County
District:	Northern Virginia
Barrier System ID:	Barrier O
Community Name and/or CNE#	O
Noise Abatement Category(s)	B
Design phase:	Final design

Warranted	
1 Community Documentation (if applicable)	
a. Date community was permitted. (Per 23CFR 772 this is the date the building permit was issued).	N/A
b. 0638-029-337, C501, R201; UPC 5559 / 109814	15-Feb-2018
c. Does the date in 1.a precede the date in 1.b? If yes, proceed to Warranted Item 2. If no, consideration of noise abatement is not warranted. Proceed to "Decision" block and answer "no" to warranted question. As the reason for this decision, state that "Community was permitted after the date of approval of CE, ROD, or FONSI, as appropriate."	Yes
2 Criteria requiring consideration of noise abatement	
a. Project causes design year noise levels to approach or exceed the Noise Abatement Criteria?	Yes
b. Project causes a substantial noise increase of 10 dB(A) or more?	No

Feasibility	
1 Impacted receptor units	
a. Number of impacted receptor units:	10
b. Number of impacted receptor units receiving 5 dB(A) or more insertion loss (IL):	10
c. Percentage of impacted receptor units receiving 5 dB(A) or more IL	100%
d. Is the percentage 50 or greater?	Yes
2 Will placement of the noise barrier cause engineering or safety conflicts, e.g drainage issues or site distance issues?	No
3 Will placement of the noise barrier restrict access to vehicular or pedestrian travel?	No
4 Will placement of the noise barrier conflict with existing utility locations?	No

Reasonableness	
1 Surface Area (Square foot)-Benefit Factors	
a. Surface Area (Total square foot) of the proposed noise barrier. (ft ²)	10,083 SF
b. Impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	10
c. Non-impacted noise sensitive receptor(s) receiving 5 dB(A) IL or more.	1
d. Total number of benefited receptors.	11
e. Surface Area per benefited receptor unit. (ft ² /BR)	917 SF/BR
f. Is (1e) less than or equal to the maximum square feet per benefited receptor (MaxSF/BR) value of 1600?	Yes
g. Does the barrier provide an IL of at least 7 dB(A) for at least one impacted receptor in the design year?	Yes
2 Additional Noise Barrier Details	
a. Length of the proposed noise barrier. (ft)	838 ft
b. Height range of the proposed noise barrier. (ft)	12-12 ft
c. Average height of the proposed noise barrier. (ft)	12 ft
d. Cost per square foot. (\$/ft ²)	\$42/SF
e. Total Barrier Cost (\$)	\$423,486
f. Barrier Material	Absorptive
3 Community Desires Related to the Barrier	
Do at least 50 percent of the benefited receptor unit owner(s) and renters desire the noise barrier? If yes, continue to "decision" block. If no, the barrier can be considered not to be reasonable. Proceed to "decision" block and answer "no" to reasonableness question. As the reason for this decision, state that "The majority of the impacted receptor unit owners do not desire the barrier."	
	Yes

Decision	
Is the Noise Barrier(s) WARRANTED?	Yes
Is the Noise Barrier(s) FEASIBLE?	Yes
Is the Noise Barrier(s) REASONABLE?	Yes
Additional Reasons for Decision:	
The barrier is recommended for construction based on the results of the community survey.	

APPENDIX G PUBLIC PREFERENCE SURVEY DETAILS

This appendix provides examples of the materials that were used to conduct the public preference survey and document the results of the voting.

- Cover letter and survey form that were sent to the benefited property owners and residents behind the noise barriers found to be feasible and reasonable.
- Figures that were included as attachments to the letter and survey showing the location of the proposed noise barrier. The figures in this appendix have been enhanced to also show the results of the voting.

The mailing list for the cover letter and survey forms. The list includes the resident's or property owners' name(s) and the mailing address of the resident or property owner. The list also shows the survey response or the disposition of each letter that was sent.



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219-2000

Stephen C. Brich, P.E.
COMMISSIONER

March 7, 2019

<name>
<address>
<city>, <state> <zip>

Regarding Property at <address> in <city>, <state> <zip>

Re: Noise Barrier Vote
Rolling Road (Route 638) Widening Phase II
VDOT Project No: 0638-029-337, C501, R201; UPC 5559
Fairfax County, Virginia

Dear Property Owner or Resident:

This correspondence is to serve as follow-up to our letter dated February 22, 2019, in which we asked you to provide your opinion about a proposed noise barrier for your community. It has come to our attention that the ballot that was attached to the previous letter had the incorrect "return-by" date. As a result, we have attached a new ballot that extends the period during which you may cast your vote, if you have not done so already. If you have already voted, you do not need to send in a second ballot. Your vote has already been recorded. We apologize for any confusion caused by the multiple mailings. We look forward to hearing from you.

In conjunction with the above referenced project, the Virginia Department of Transportation (VDOT) is asking for your input concerning a potential noise barrier wall along the northbound side of Rolling Road, between Taft Drive and Bellamy Avenue. The attached graphic shows the location of Barrier J (and may include other potential noise barriers that are proposed for nearby residential areas). Following a detailed study, VDOT determined that the noise barrier under consideration is the best solution available to reduce predicted roadway noise impacts at your property. The enclosed ballot is being mailed to you as the owner or resident of a nearby property that is affected by noise and will benefit from the proposed noise barrier, to obtain your vote on whether the proposed noise barrier should be constructed. A property is said to be "benefited" if the noise barrier provides a traffic noise reduction of at least five decibels.

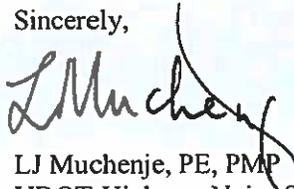
To register a vote in favor of the barrier, a "YES" response on the enclosed ballot must be returned. To register a vote against the barrier, a "NO" response on the questionnaire must be returned. Fifty percent (50%) or more of respondents must be in favor of a proposed noise barrier in order for that noise barrier to be constructed. A non-response does not count in favor or opposition to constructing the noise barrier.

The proposed Noise Barrier J will be located within VDOT's right-of-way, and is predicted to provide a noise reduction of between 8 and 12 dBA for 10 receptor locations. This noise barrier will be constructed of posts and concrete panels, at a height of 12 feet and a length of approximately 977 feet.

Your vote on the proposed noise barrier must be returned on the enclosed ballot by 4/1/2019. A postage-paid envelope has been provided for your convenience. If you have already voted, you do not need to send in a second ballot. Your vote has already been recorded.

For more information about the project, and to see the results of the Final Noise Analysis, please visit the project website at: http://www.virginiadot.org/projects/northernvirginia/rolling_road_widening.asp or contact the VDOT's Project Manager Christopher Barksdale, PE at (703) 259-2768, or Chris.Barksdale@VDOT.Virginia.gov. Information on VDOT's noise abatement program is available at: <http://www.virginiadot.org/projects/pr-noise-walls-about.asp>, or you may contact me at (804) 371-6768 or Lovejoy.Muchenje@VDOT.Virginia.gov.

Sincerely,



LJ Muchenje, PE, PMP
VDOT Highway Noise Specialist

Attachments

Rolling Road (Route 638) Widening Phase II Project

VDOT Project No. 0638-029-337, C501, R201

UPC 5559, 109814

Noise Barrier J

March 7, 2019

Public Input Survey Ballot

<name>

<address>

<city>, <state> <zip>

Email: _____

Phone: _____

Are you the current property owner? Yes No

Do you want the sound barrier wall? Yes No

Comments:

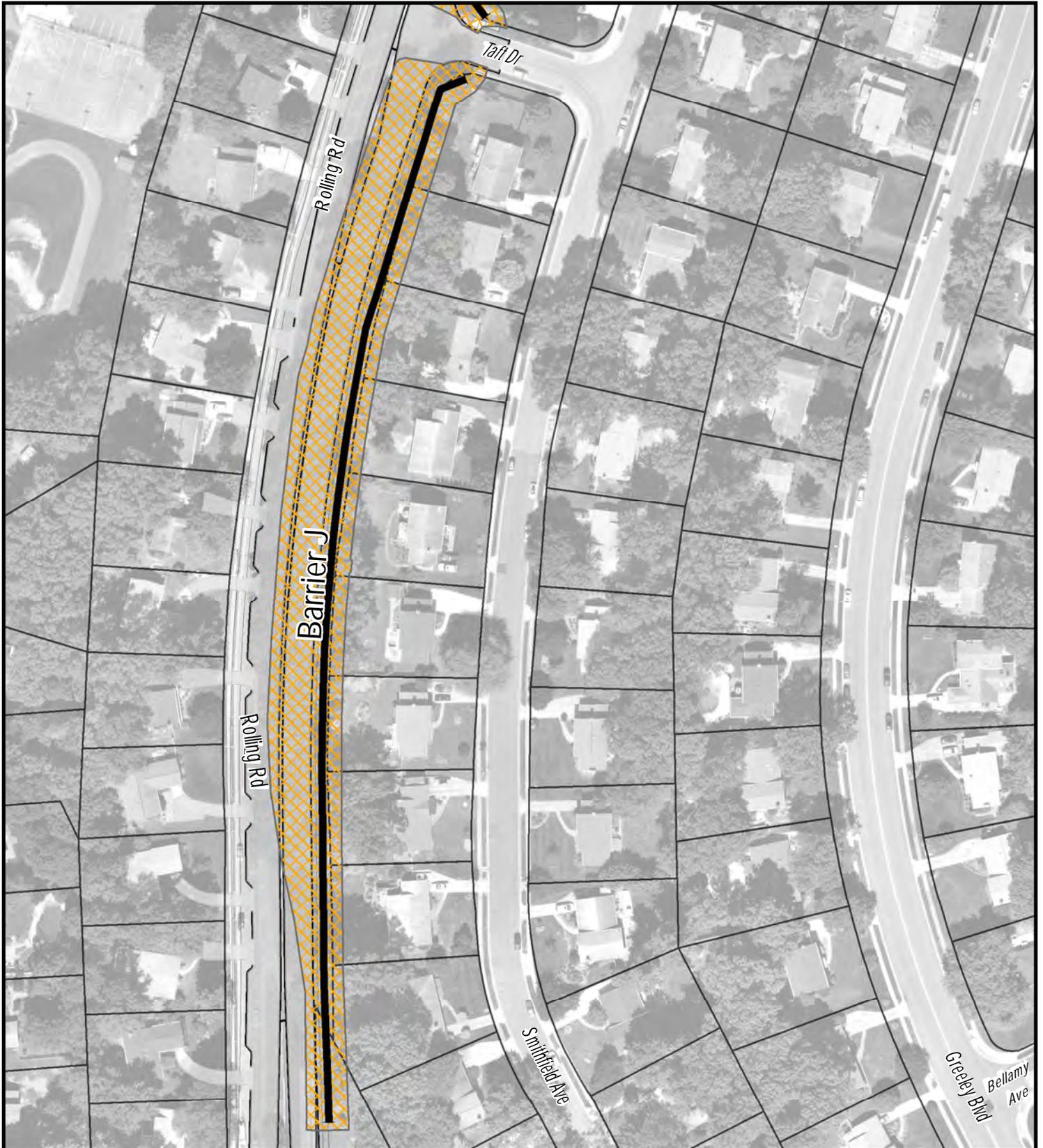
Signed: _____ Date: _____

Signed: _____ Date: _____

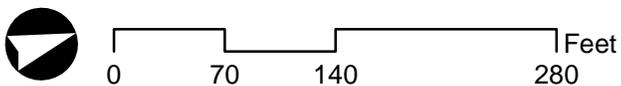
Please return the ballot using the postage-paid envelope by **April 1, 2019** to VDOT's consultant. For your convenience, the mailing address is presented below in the event the postage-paid envelope is misplaced.

Ms. Heather Hamilton
Harris Miller Miller & Hanson Inc.
77 South Bedford Street
Burlington, MA 01803

Thank you for your input in this roadway design process.



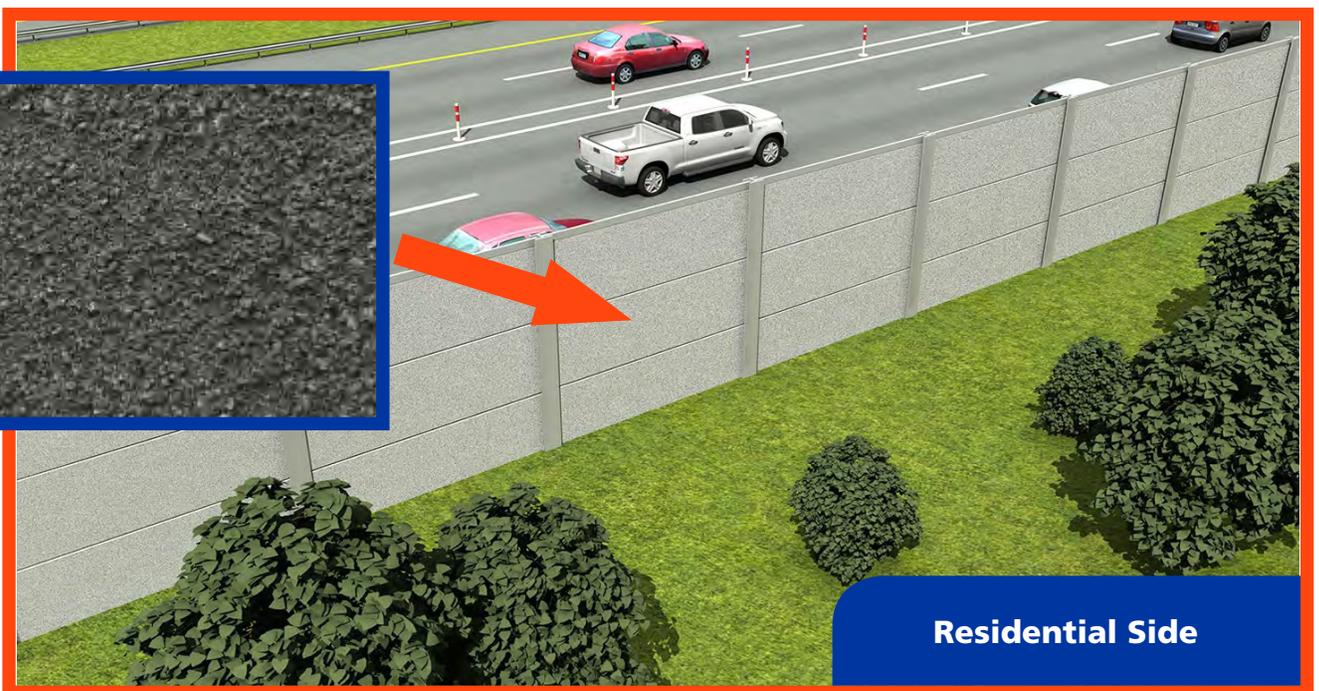
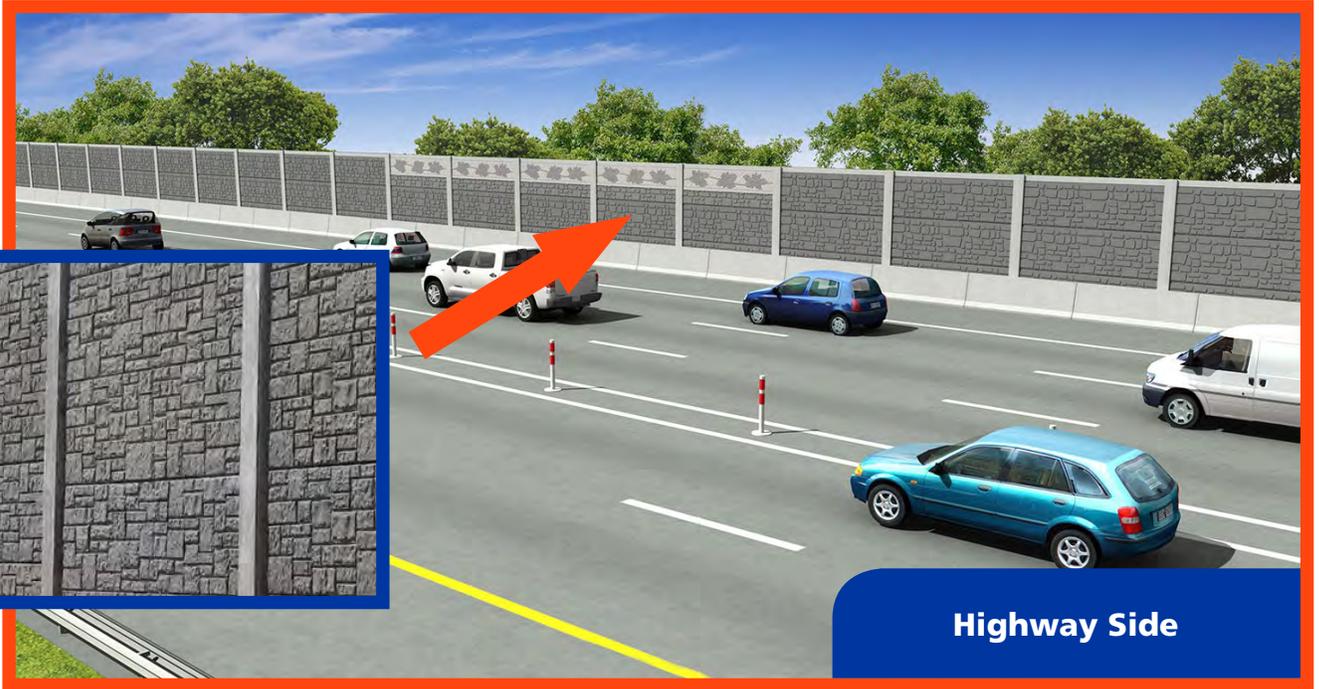
-  Recommended Noise Barrier Location
-  Approximate Shrub Clearing Area
-  Property Parcel



Rolling Road (Route 638) Widening Project
 Noise Abatement Final Design Study
 Fairfax County, VA

February 2019





	<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>	<u>Other</u>	<u>Certified Mail #</u>	<u>USPS Tracking</u>	<u>Letter Received</u>	<u>Current Owner</u>	<u>Want Barrier</u>	<u>Receiver ID</u>	<u>Date Response Rec'd</u>	<u>Receptor Status</u>
Owners and Residents														
1	MUHAMMAD T. AHMAD, TAHIRA RIFFAT	8301 KENWOOD AVE	SPRINGFIELD	VA	22152		70181130000001490669	9590940244618248684740	3/2/2019			C-001		No_Imp/Protected
2	JAMES BENJAMIN BENONE	8305 KENWOOD AVE	SPRINGFIELD	VA	22152		70182290000127621020	9590940246228323436874	3/13/2019	Y	Y	C-004	3/25/2019	No_Imp/Protected
Owners, not Residents														
1	SHARIF AHMED	14909 GAINES MILL CIR	HAYMARKET	VA	20169	for property at: 6400 Rivington Rd, Springfield, VA 22152	70182290000127621037	9590940246228323436867	3/4/2019	Y	Y	C-007	3/11/2019	Ben/Impact_7
Non-owners														
1	TO THE RESIDENTS OF:	6400 Rivington Rd	SPRINGFIELD	VA	22152		70182290000127621044	9590940246228323436850	Y			C-007		Ben/Impact_7

UPC	5559 / 109814	2nd Mailing Summary
Project Number	0638-029-337	
Barrier Name	Barrier C1 (1st mailing only)	

(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maximum Number of Representative Votes
Impacted and Benefited	B	2	10
Not Impacted and Benefited	B	2	6
Impacted and Benefited	C	0	0
Not Impacted and Benefited	C	0	0
Impacted and Benefited	D	0	0
Not Impacted and Benefited	D	0	0
Impacted and Benefited	E	0	0
Not Impacted and Benefited	E	0	0

Potential Maximum Number of Weighted Votes
16

Actual Number of Maximum Weighted Votes (Based on Responses)
14

Number of Weighted Votes Cast		
YES	NO	Total
6	0	6

Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes	
8	42.86	42

% of "Yes" Votes (All Votes)	% of "No" Votes (All Votes)	% of Outstanding Votes
42.9	0.0	57.1

% of YES Votes (Response etc)	% of NO Votes (Response etc)
100.0	0.0

Results in the box below should only be considered when all of the responses have been tallied

The Barrier Is Recommended for Construction

<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>	<u>Other</u>	<u>Certified Mail #</u>	<u>USPS Tracking</u>	<u>Letter Received</u>	<u>Current Owner</u>	<u>Want Barrier</u>	<u>Receiver ID</u>	<u>Date Response Rec'd</u>	<u>Receptor Status</u>
Owners and Residents													
1	JEONG J. KIM	6401 RIVINGTON RD	SPRINGFIELD	VA	22152		70182290000127620559						No_imp/Protected
2	FARID SEDIQI	6403 RIVINGTON RD	SPRINGFIELD	VA	22152		70182290000127620542						No_imp/Protected
3	DAVID J. AND JILLIAN D. KING	6503 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620566	9590940246228323437185	3/2/2019	Y	Y	3/22/2019	No_imp/Protected
4	JOSSSELIN AND MARIE SAINT PREUX	6505 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620627	9590940246228323437154		Y	Y	3/8/2019	Ben/Impact_7
5	CARRIE E. GOLDIN	6507 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620665	9590940246228323435310	3/4/2019	Y	Y	3/8/2019	No_imp/Protected
6	J WESLEY AND DIANE M. WELCH	6411 RIVINGTON RD	SPRINGFIELD	VA	22152		70182290000127620634	9590940246228323437147		Y	Y	3/8/2019	No_imp/Protected
7	CHRISTOPHER D. DEMERITT TR	6506 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620641	9590940246228323437130	3/4/2019	Y	Y	3/8/2019	No_imp/Protected
8	JOHN MARCUS SPITLER	6509 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620658	9590940246228323437123		Y	Y	3/11/2019	No_imp/Protected
9	ROBERT ALAN LEWIS	6508 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620672	9590940246228323435303	3/1/2019	Y	Y	3/11/2019	No_imp/Protected
10	ALI MOHAMED A, ALI KADRA D	6511 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620689	9590940246228323435228		Y	Y	3/11/2019	Ben/Impact_7
11	LIESEL A. GOLDEN	6415 RIVINGTON RD	SPRINGFIELD	VA	22152		70182290000127620696	9590940246228323435235	3/2/2019	Y	Y	3/8/2019	No_imp/Protected
12	CHARLES W. AND KAREN MUSSOMELE	6513 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620702	9590940246228323435242		Y	Y	3/8/2019	No_imp/Protected
13	MARGARET E. KOHNE	6515 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620436	9590940246228323435259		Y	Y	3/14/2019	Ben/Impact_7
14	RICHARD LEE CERNOHORSKY TR	8300 NEWBY CT	SPRINGFIELD	VA	22152		70182290000127620443	9590940246228323435266		Y	Y	3/8/2019	No_imp/Protected
15	BRANDON R. CHANEY	6517 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620450	9590940246228323435273		Y	Y	3/14/2019	Ben/Impact_7
16	FRANCISCO H. MARTINEZ	6521 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620016	9590940246228323435280	3/5/2019	Y	Y	3/18/2019	Ben/Impact_7
17	TAK DOL S, TAK KYUNG O	6523 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620023	9590940246228323435297		Y	Y	3/8/2019	Ben/Impact_7
18	KAP SOO CHON	6525 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620030	9590940246228323435129	3/4/2019	Y	Y	3/25/2019	Ben/Impact_7
19	ANDY H. AND CUC LE	6527 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620047	9590940246228323435136		Y	Y	3/8/2019	Ben/Impact_7
Owners, not Residents													
1	ALVAREZ MADRID DANIEL GONZALO	1321 UPLAND DR UNIT 9748	HOUSTON	TX	77043	FOR PROPERTY AT: 6504 GREENVIEW LN SPRINGFIELD VA 22152	70182290000127620054	9590940246228323435143					No_imp/Protected
2	JOHN A. BRYAN	828 KINGS RD	HINESVILLE	GA	31313	FOR PROPERTY AT: 6413 RIVINGTON RD SPRINGFIELD VA 22152	70182290000127620061	9590940246228323435150	3/5/2019				No_imp/Protected
3	ANA C. DUARTE	12543 PLYMOUTH CT	WOODBRIIDGE	VA	22192	FOR PROPERTY AT: 6519 GREENVIEW LN SPRINGFIELD VA 22152	70182290000127620078	9590940246228323435167	3/1/2019				No_imp/Protected
4	STANLEY THOMAS IV	4701 SPLIT ROCK RD	ALEXANDRIA	VA	22310	FOR PROPERTY AT: 8300 GREELEY BLVD SPRINGFIELD VA 22152	70182290000127620108	9590940246228323435198		Y	Y	3/8/2019	Ben/Impact_7
Non-owners													
1	TO THE RESIDENTS OF	6504 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620092	9590940246228323435181	3/1/2019	N			3/8/2019 No_imp/Protected
2	TO THE RESIDENTS OF	6413 RIVINGTON RD	SPRINGFIELD	VA	22152		70182290000127620115	9590940246228323435204		Y	N		4/1/2019 No_imp/Protected
3	TO THE RESIDENTS OF	6519 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620122	9590940246228323435211		Y			No_imp/Protected
4	TO THE RESIDENTS OF	8300 GREELEY BLVD	SPRINGFIELD	VA	22152		70182290000127620085	9590940246228323435174	3/4/2019	N	Y		3/8/2019 Ben/Impact_7

UPC	5559 / 109814	1st Mailing Summary
Project Number	0638-029-337	
Barrier Name	Barrier C2	

(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maximum Number of Representative Votes
Impacted and Benefited	B	10	50
Not Impacted and Benefited	B	17	51
Impacted and Benefited	C	0	0
Not Impacted and Benefited	C	0	0
Impacted and Benefited	D	0	0
Not Impacted and Benefited	D	0	0
Impacted and Benefited	E	0	0
Not Impacted and Benefited	E	0	0

Potential Maximum Number of Weighted Votes
101

Actual Number of Maximum Weighted Votes (Based on Responses)
94

Number of Weighted Votes Cast		
YES	NO	Total
64	9	73

Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes	
21	77.66	77

% of "Yes" Votes (All Votes)	% of "No" Votes (All Votes)	% of Outstanding Votes
68.1	9.6	22.3

% of YES Votes (Respondents)	% of NO Votes (Respondents)
87.7	12.3

Results in the box below should only be considered when all of the responses have been tallied
The Barrier Is Recommended for Construction

	<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>	<u>Other</u>	<u>Certified Mail #</u>	<u>USPS Tracking</u>	<u>Letter Received</u>	<u>Current Owner</u>	<u>Want Barrier</u>	<u>Receiver ID</u>	<u>Date Response Rec'd</u>	<u>Receptor Status</u>	<u>Other notes:</u>
Owners and Residents															
1	CHUL S KIM, KIM MI J	6400 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620146	9590940246228323436898	3/14/2019	Y	Y	D-008	3/18/2019	No_Imp/Protected	
2	EDUARDO ELINAN	6402 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620139	9590940246228323436881	Y	Y	Y	D-010	3/8/2019	No_Imp/Protected	
3	STEVEN HEYWOOD	6404 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620160	9590940246228323436904	3/2/2019	Y	Y	D-013	3/22/2019	No_Imp/Protected	
4	STEVEN E PATTERSON	6406 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620153	9590940246228323436911	3/2/2019	Y	Y	D-015	3/8/2019	No_Imp/Protected	
5	MARIO C FORTIN, FORTIN BELINDA C	6408 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620177	9590940246228323436928	Y	Y	Y	D-019	3/8/2019	No_Imp/Protected	
6	ANTONIO MATOS	6410 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620184	9590940246228323436935	Y	Y	Y	D-021	3/8/2019	No_Imp/Protected	
7	CURTIS MARK BRINKLEY	6418 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620191	9590940246228323436942	Y	Y	Y	D-024	3/29/2019	No_Imp/Protected	
8	WILLIAM MARTIN JR, KIRK MICHELLE	6420 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620207	9590940246228323436959	3/13/2019	Y	Y	D-029	3/18/2019	No_Imp/Protected	
9	WILLIAM E DOUGLAS	6422 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620214	9590940246228323436966	Y	Y	Y	D-031	3/8/2019	No_Imp/Protected	
10	WEIKANG JIANG	6424 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620221	9590940246228323436973	Y	Y	Y	D-033	3/18/2019	Ben/Impact_7	
11	JOHN MICHAEL CABBAGE	6426 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620238	9590940246228323437024	Y			D-038		Ben/Impact_7	
12	GERARD COLES	6428 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620245	9590940246228323437017	Y			D-042		Ben/Impact_5-6	
Owners, not Residents															
1	CATHLENE M HEIDEMAN	3540 CHESSINGTON DR	LAND O LAKES	FL	34638	Property of: 6412 WAINFLEET CT SPRINGFIELD VA 22152	70182290000127620252	9590940246228323437000				D-026		No_Imp/Protected	"RETURN TO SENDER"
Non-owners															
1	Residents of:	6412 WAINFLEET CT	SPRINGFIELD	VA	22152		70182290000127620269	9590940246228323436997	3/2/2019	Y	Y	D-026	3/18/2019	No_Imp/Protected	

UPC	5559 / 109814	1st Mailing Summary
Project Number	0638-029-337	
Barrier Name	Barrier D	

(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maximum Number of Representative Votes
Impacted and Benefited	B	3	15
Not Impacted and Benefited	B	11	33
Impacted and Benefited	C	0	0
Not Impacted and Benefited	C	0	0
Impacted and Benefited	D	0	0
Not Impacted and Benefited	D	0	0
Impacted and Benefited	E	0	0
Not Impacted and Benefited	E	0	0

Potential Maximum Number of Weighted Votes
48

Actual Number of Maximum Weighted Votes (Based on Responses)
46

Number of Weighted Votes Cast		
YES	NO	Total
33	0	33

Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes	
13	71.74	71

% of "Yes" Votes (All Votes)	% of "No" Votes (All Votes)	% of Outstanding Votes
71.7	0.0	28.3

% of YES Votes (Respondents)	% of NO Votes (Respondents)
100.0	0.0

Results in the box below should only be considered when all of the responses have been tallied
The Barrier Is Recommended for Construction

Version 1.0

	<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>	<u>Other</u>	<u>Certified Mail #</u>	<u>USPS Tracking</u>	<u>Letter Received</u>	<u>Current Owner</u>	<u>Want Barrier</u>	<u>Receiver ID</u>	<u>Date Response Rec'd</u>	<u>Receptor Status</u>	
	<i>Owners and Residents</i>														
1	LEILANI E HARMAN	8211 MARCY AVE	SPRINGFIELD	VA	22152		70182290000127620573	9290940246228323435075	Y	Y	Y	F-003	3/8/2019	No_Imp/Protected	
	<i>Owners and Residents</i>														
1	LEILANI E HARMAN	8211 MARCY AVE	SPRINGFIELD	VA	22152		70182290000127620573	9290940246228323435075	Y	Y	Y	F-003	3/8/2019	No_Imp/Protected	
2	WILLIAM F MATHESON, MATHESON JUANITA S	8209 MARCY AVE	SPRINGFIELD	VA	22152		70182290000127620603	9590940246228323436690	Y	Y	Y	F-007	3/14/2019	No_Imp/Protected	
3	RODNEY W TR VEENSTRA	8207 MARCY AVE	SPRINGFIELD	VA	22152		70182290000127620597	9590940246228323435099	Y	Y	Y	F-009	3/8/2019	No_Imp/Protected	

UPC	5559 / 109814	1st Mailing Summary
Project Number	0638-029-337	
Barrier Name	Barrier F	

(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maximum Number of Representative Votes
Impacted and Benefited	B	1	5
Not Impacted and Benefited	B	4	12
Impacted and Benefited	C	0	0
Not Impacted and Benefited	C	0	0
Impacted and Benefited	D	0	0
Not Impacted and Benefited	D	0	0
Impacted and Benefited	E	0	0
Not Impacted and Benefited	E	0	0

Potential Maximum Number of Weighted Votes
17

Actual Number of Maximum Weighted Votes (Based on Responses)
17

Number of Weighted Votes Cast		
YES	NO	Total
9	0	9

Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes	
8	52.94	52

% of "Yes" Votes (All Votes)	% of "No" Votes (All Votes)	% of Outstanding Votes
52.9	0.0	47.1

% of YES Votes (Respondents)	% of NO Votes (Respondents)
100.0	0.0

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Version 1.0

	<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>	<u>Other</u>	<u>Certified Mail #</u>	<u>USPS Tracking</u>	<u>Letter Received</u>	<u>Current Owner</u>	<u>Want Barrier</u>	<u>Receiver ID</u>	<u>Date Response Rec'd</u>	<u>Receptor Status</u>	
	<i>Owners and Residents</i>														
1	ROBERT SAGELEY ERSKINE, AND SUE V	8301 GREELEY BLVD	SPRINGFIELD	VA	22152		70182290000127620535	9590940246228323436706	Y	Y	Y	G-003	3/4/2019	No_Imp/Protected	
2	CHRISTOPHER S DEAN	6603 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620511	9590940246228323436720	3/4/2019	Y	Y	G-006	3/11/2019	No_Imp/Protected	
3	JACQUELINE CLAURE	6605 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620498	9590940246228323436744				G-009		No_Imp/Protected	
4	ARON TEKLESEN BET OGBAI	6607 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620504	9590940246228323436737	Y	Y	Y	G-012	3/8/2019	Ben/Impact_7	
5	DAVID L LAPPAT, LAPPAT DEBORAH R	6609 GREENVIEW LN	SPRINGFIELD	VA	22152		70182290000127620528	9590940246228323436713	3/1/2019	Y	Y	G-014	3/4/2019	Ben/Impact_5-6	

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Project Number	0638-029-337	
Barrier Name	Barrier G	

(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maximum Number of Representative Votes
UPC	B	3	15
Not Impacted and Benefited	B	2	6
Impacted and Benefited	C	0	0
Not Impacted and Benefited	C	0	0
Impacted and Benefited	D	0	0
Not Impacted and Benefited	D	0	0
Impacted and Benefited	E	0	0
Not Impacted and Benefited	E	0	0

Potential Maximum Number of Weighted Votes
21

Actual Number of Maximum Weighted Votes (Based on Responses)
21

Number of Weighted Votes Cast		
YES	NO	Total
16	0	16

Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes	
5	76.19	76

% of "Yes" Votes (All Votes)	% of "No" Votes (All Votes)	% of Outstanding Votes
76.2	0.0	23.8

% of YES Votes (Respondents)	% of NO Votes (Respondents)
100.0	0.0

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The Barrier Is Recommended for Construction

	<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>	<u>Other</u>	<u>Certified Mail #</u>	<u>USPS Tracking</u>	<u>Letter Received</u>	<u>Current Owner</u>	<u>Want Barrier</u>	<u>Receiver ID</u>	<u>Date Response Rec'd</u>	<u>Receptor Status</u>	
	<i>Owners and Residents</i>														
1	ADAM DOYLE HARRISON, HARRISON AMYLENE	8237 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620924	9590940246228323437284		Y	Y	H-001	3/22/2019	Ben/Impact_7	
2	MATTHEW S SUTTMILLER, WRGHT ASHLEIGH M	8235 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620467	9590940246228323437215	Y	Y	Y	H-003	3/18/2019	Ben/Impact_7	
3	TRAVIS THOMASON, THOMASON ROSA CASTRO	8233 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620931	9590940246228323437277	Y	Y	Y	H-006	3/29/2019	No_Imp/Protected	
4	ANTHONY M KELLY	8231 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620481	9590940246228323437192	Y	Y	Y	H-009	3/4/2019	No_Imp/Protected	
5	DOUGLAS S SMITH, SMITH DIANE A	8229 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620764	9590940246228323437239	Y	Y	Y	H-013	3/11/2019	No_Imp/Protected	
6	DAVID KELLY, CARLSON MELISSA	8227 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620948	9590940246228323437260	Y	Y		H-017		Ben/Impact_7	
7	SETH MATTHEW HOPKINS	8225 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620771	9590940246228323437222	Y	Y	N	H-020	3/19/2019	Ben/Impact_7	
8	MARK A BAUMBUSCH, BAUMBUSCH CATHY V	8223 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620757	9590940246228323437246	Y	Y	N	H-022	3/11/2019	No_Imp/Protected	
9	DONALD L CANTRELL, CANTRELL KATHY J	8221 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620740	9590940246228323437253	Y	Y	Y	H-023	3/26/2019	Ben/Impact_7	
10	PETER FARAGALLA	8219 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620474	9590940246228323437208	Y	Y	Y	H-024	3/8/2019	Ben/Impact_7	

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Project Number	0638-029-337	
Barrier Name	Barrier H	

(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maximum Number of Representative Votes
Impacted and Benefited	B	6	30
Not Impacted and Benefited	B	4	12
Impacted and Benefited	C	0	0
Not Impacted and Benefited	C	0	0
Impacted and Benefited	D	0	0
Not Impacted and Benefited	D	0	0
Impacted and Benefited	E	0	0
Not Impacted and Benefited	E	0	0

Potential Maximum Number of Weighted Votes
42

Actual Number of Maximum Weighted Votes (Based on Responses)
42

Number of Weighted Votes Cast		
YES	NO	Total
29	8	37

Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes	
5	88.10	88

% of "Yes" Votes (All Votes)	% of "No" Votes (All Votes)	% of Outstanding Votes
69.0	19.0	11.9

% of YES Votes (Respondents)	% of NO Votes (Respondents)
78.4	21.6

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The Barrier Is Recommended for Construction

UPC

	Name	Street Address	City	State	Zip	Other	Certified Mail #	USPS Tracking	Letter Received	Current Owner	Want Barrier	Receiver ID	Date Response Rec'd	Receptor Status	Other notes:
Owners and Residents															
1	IAN CANLAS, LE PHUONG THIEN	8215 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620733	9590940246228323437420	Y	Y	Y	J-016	3/14/2019	Ben/Impact_7	
2	BRUCE K TR BIRNBERG, BIRNBERG DEBORAH S T	8213 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620955	9590940246228323437505	Y	Y	Y	J-019	3/4/2019	Ben/Impact_7	
3	STEPHEN L GOLDSMITH, GOLDSMITH MARISSA	8211 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620726	9590940246228323437413	Y	Y	Y	J-026	3/4/2019	Ben/Impact_7	
4	THOMAS J PFEIFER, PFEIFER CATHERINE L	8209 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620719	9590940246228323437437	Y	Y	Y	J-030	3/11/2019	Ben/Impact_7	
5	RUHUL AMIN Q CHOUDHURY, CHOUDHURY AZI	8207 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620979	9590940246228323437499	Y			J-031		Ben/Impact_7	
	MICHAEL CHRISTOPHER HERRERA, HERRERA LY	8205 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620962	9590940246228323437482				J-032		Ben/Impact_7	3/7/19: see below
6	ISATU M SANKOH	8203 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620993	9590940246228323437468	Y	Y	Y	J-035	3/11/2019	Ben/Impact_7	
7	MICHAEL L BOURKE, BOURKE ANGELA S	8201 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620986	9590940246228323437475	Y	Y	Y	J-038	3/11/2019	Ben/Impact_7	
8	ANGEL L MANGUAL, MANGUAL YANG SUN	8121 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127621006	9590940246228323437444	Y	Y	Y	J-043	3/8/2019	Ben/Impact_7	
9	DAVID A GREENFELDER, AND DORIS E	8119 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127621013	9590940246228323437451	Y	Y	Y	J-045	3/18/2019	Ben/Impact_7	
Owners, not Residents															
1	HERRERA, LYNDA A	College of Education, University of	Honolulu	HI	96822	FOR PROPERTY AT: 8205 SMITHFIELD AVE, SPRINGFIELD VA	N/A	N/A				J-032		Ben/Impact_7	3/7/19: Property owner of 8205 Smithfield; VDOT will email the letter to owner
Non-owners															
1	TO THE RESIDENTS OF:	8205 SMITHFIELD AVE	SPRINGFIELD	VA	22152		70182290000127620962	9590940246228323437482				J-032		Ben/Impact_7	3/7/19: Letter #1 mailed to "MICHAEL CHRISTOPHER HERRERA, HERRERA LYNDA A" via certified mail return receipt; 2nd letter will be mailed to "To the Residents of:" per email from VDOT.

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Barrier Name	Barrier J	

(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maximum Number of Representative Votes
Impacted and Benefited	B	11	55
Not Impacted and Benefited	B	0	0
Impacted and Benefited	C	0	0
Not Impacted and Benefited	C	0	0
Impacted and Benefited	D	0	0
Not Impacted and Benefited	D	0	0
Impacted and Benefited	E	0	0
Not Impacted and Benefited	E	0	0

Potential Maximum Number of Weighted Votes
55

Actual Number of Maximum Weighted Votes (Based on Responses)
55

Number of Weighted Votes Cast		
YES	NO	Total
40	0	40

Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes
15	72.73 72

% of "Yes" Votes (All Votes)	% of "No" Votes (All Votes)	% of Outstanding Votes
72.7	0.0	27.3

% of YES Votes (Respondents)	% of NO Votes (Respondents)
100.0	0.0

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	<i>Owners and Residents</i>														
1	DONALD R DRAIN, AND PEGGIE C	8101 VIOLA ST	SPRINGFIELD	VA	22152		70182290000127621099	9590940246228323436751	3/1/2019	Y	Y	N-001	3/4/2019	Ben/Impact_7	
2	NICHOLAS J SCHMITT, AND CAROLE L	7001 MAPLE TREE LN	SPRINGFIELD	VA	22152		70182290000127620849	9590940246228323437406	3/1/2019	Y	Y	N-002	3/4/2019	Ben/Impact_7	
3	MANDANA MONTAZAMI	7003 MAPLE TREE LN	SPRINGFIELD	VA	22152		70182290000127621105	9590940246228323436768	3/1/2019	Y	Y	N-004	3/14/2019	Ben/Impact_7	
4	JOHN E CONNERS JR, CONNERS AUDREY L	7005 MAPLE TREE LN	SPRINGFIELD	VA	22152		70182290000127621112	9590940246228323436775	3/1/2019	Y	Y	N-009	3/11/2019	Ben/Impact_7	
5	HONG HOU, THAI NGA THI	7007 MAPLE TREE LN	SPRINGFIELD	VA	22152		70182290000127621129	9590940246228323436782	3/1/2019	Y	Y	N-012	3/14/2019	Ben/Impact_7	
6	FREDERICK PETERS, AND LINDA B	7009 MAPLE TREE LN	SPRINGFIELD	VA	22152		70182290000127620788	9590940246228323436799	3/1/2019	Y	Y	N-015	3/12/2019	Ben/Impact_7	
7	JAMIE M BLEAKLEY, BLEAKLEY HEIDI C	7011 MAPLE TREE LN	SPRINGFIELD	VA	22152		70182290000127620795	9590940246228323436805	3/1/2019	Y	Y	N-019	3/11/2019	No_Imp/Protected	
8	HASEEB AHMED JHAN, SULTANA SUMERA	7013 MAPLE TREE LN	SPRINGFIELD	VA	22152		70182290000127620801	9590940246228323436812	3/1/2019	Y	Y	N-021	3/22/2019	Ben/Impact_7	
9	SHERILON O PENZARI	7015 MAPLE TREE LN	SPRINGFIELD	VA	22152		70182290000127620818	9590940246228323436829	3/4/2019	Y	Y	N-024	3/12/2019	No_Imp/Protected	
10	SHERRY C TR BEYERS	7017 MAPLE TREE LN	SPRINGFIELD	VA	22152		70182290000127620825	9590940246228323436836	3/4/2019	Y	N	N-026	3/8/2019	Ben/Impact_7	
11	GERARD FRANCOIS, AND REBECCA	7019 MAPLE TREE LN	SPRINGFIELD	VA	22152		70182290000127620832	9590940246228323436843	3/1/2019	Y	N	N-029	3/4/2019	No_Imp/Protected	

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(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maximum Number of Representative Votes
Impacted and Benefited	B	8	40
Not Impacted and Benefited	B	3	9
Impacted and Benefited	C	0	0
Not Impacted and Benefited	C	0	0
Impacted and Benefited	D	0	0
Not Impacted and Benefited	D	0	0
Impacted and Benefited	E	0	0
Not Impacted and Benefited	E	0	0

Potential Maximum Number of Weighted Votes
49

Actual Number of Maximum Weighted Votes (Based on Responses)
49

Number of Weighted Votes Cast		
YES	NO	Total
41	8	49

Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes	
0	100.00	100

% of "Yes" Votes (All Votes)	% of "No" Votes (All Votes)	% of Outstanding Votes
83.7	16.3	0.0

% of YES Votes (Respondents)	% of NO Votes (Respondents)
83.7	16.3

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The Barrier Is Recommended for Construction

	<u>Name</u>	<u>Street Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>	<u>Other</u>	<u>Certified Mail #</u>	<u>USPS Tracking</u>	<u>Letter Received</u>	<u>Current Owner</u>	<u>Want Barrier</u>	<u>Receiver ID</u>	<u>Date Response Rec'd</u>	<u>Receptor Status</u>	
	<i>Owners and Residents</i>														
1	ROSCO ANTHONY NEWSOM , AND ROSIE L	8009 VIOLA ST	SPRINGFIELD	VA	22152		70182290000127621068	9590940246228323437383	Y	Y	N	O-005	3/8/2019	Ben/Impact_7	
2	ROBERT CHRISTOPHER SMITH, SMITH JACQUELI	8019 DAFFODIL CT	SPRINGFIELD	VA	22152		70182290000127621075	9590940246228323437376	3/2/2019	Y	Y	O-007	4/18/2019	Ben/Impact_7	
3	BYUNG CHUL KIM, AND OKJA	8017 DAFFODIL CT	SPRINGFIELD	VA	22152		70182290000127621082	9590940246228323437369	3/1/2019	Y	Y	O-013	3/4/2019	Ben/Impact_7	
4	JEFFERY P STRANO, STRANO MELISSA JANE	8015 DAFFODIL CT	SPRINGFIELD	VA	22152		70182290000127620856	9590940246228323437352	3/1/2019	Y	Y	O-016	3/8/2019	Ben/Impact_7	
5	JAMES A VAFIER, VAFIER JOANNE	8013 DAFFODIL CT	SPRINGFIELD	VA	22152		70182290000127620863	9590940246228323437345	3/1/2019	Y	Y	O-019	3/4/2019	Ben/Impact_7	
6	RICKEY E SMITH, SMITH MARGARET S	8011 DAFFODIL CT	SPRINGFIELD	VA	22152		70182290000127620870	9590940246228323437338	3/1/2019	Y	Y	O-021	3/4/2019	No_Imp/Protected	
7	PATRICE KONE	8009 DAFFODIL CT	SPRINGFIELD	VA	22152		70182290000127620887	9590940246228323437321	3/1/2019	Y	Y	O-024	3/4/2019	Ben/Impact_7	
8	ALI AGHAJANI, FARAHANI MARYAM M	8007 DAFFODIL CT	SPRINGFIELD	VA	22152		70182290000127620894	9590940246228323437314	3/1/2019	Y	Y	O-028	3/8/2019	Ben/Impact_7	
9	DOUGLAS K DUNBAR, DUNBAR SHARON K G	7018 PETUNIA ST	SPRINGFIELD	VA	22152		70182290000127620900	9590940246228323437307	Y	Y	Y	O-033	3/11/2019	Ben/Impact_5-6	
10	ANABLOENA TERRAZAS, TERRAZAS GERMAN	7020 PETUNIA ST	SPRINGFIELD	VA	22152		70182290000127620917	9590940246228323437291	3/1/2019	Y	N	O-036	3/8/2019	Ben/Impact_5-6	
11	JORGE A RUIZ TR, RUIZ MARIA I TR	7022 PETUNIA ST	SPRINGFIELD	VA	22152		70182290000127621051	9590940246228323437390	3/1/2019	Y	Y	O-037	3/8/2019	Ben/Impact_5-6	

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Barrier Name	Barrier O	

(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maximum Number of Representative Votes
Impacted and Benefited	B	10	50
Not Impacted and Benefited	B	1	3
Impacted and Benefited	C	0	0
Not Impacted and Benefited	C	0	0
Impacted and Benefited	D	0	0
Not Impacted and Benefited	D	0	0
Impacted and Benefited	E	0	0
Not Impacted and Benefited	E	0	0

Potential Maximum Number of Weighted Votes
53

Actual Number of Maximum Weighted Votes (Based on Responses)
53

Number of Weighted Votes Cast		
YES	NO	Total
38	10	48

Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes
5	90.57 / 90

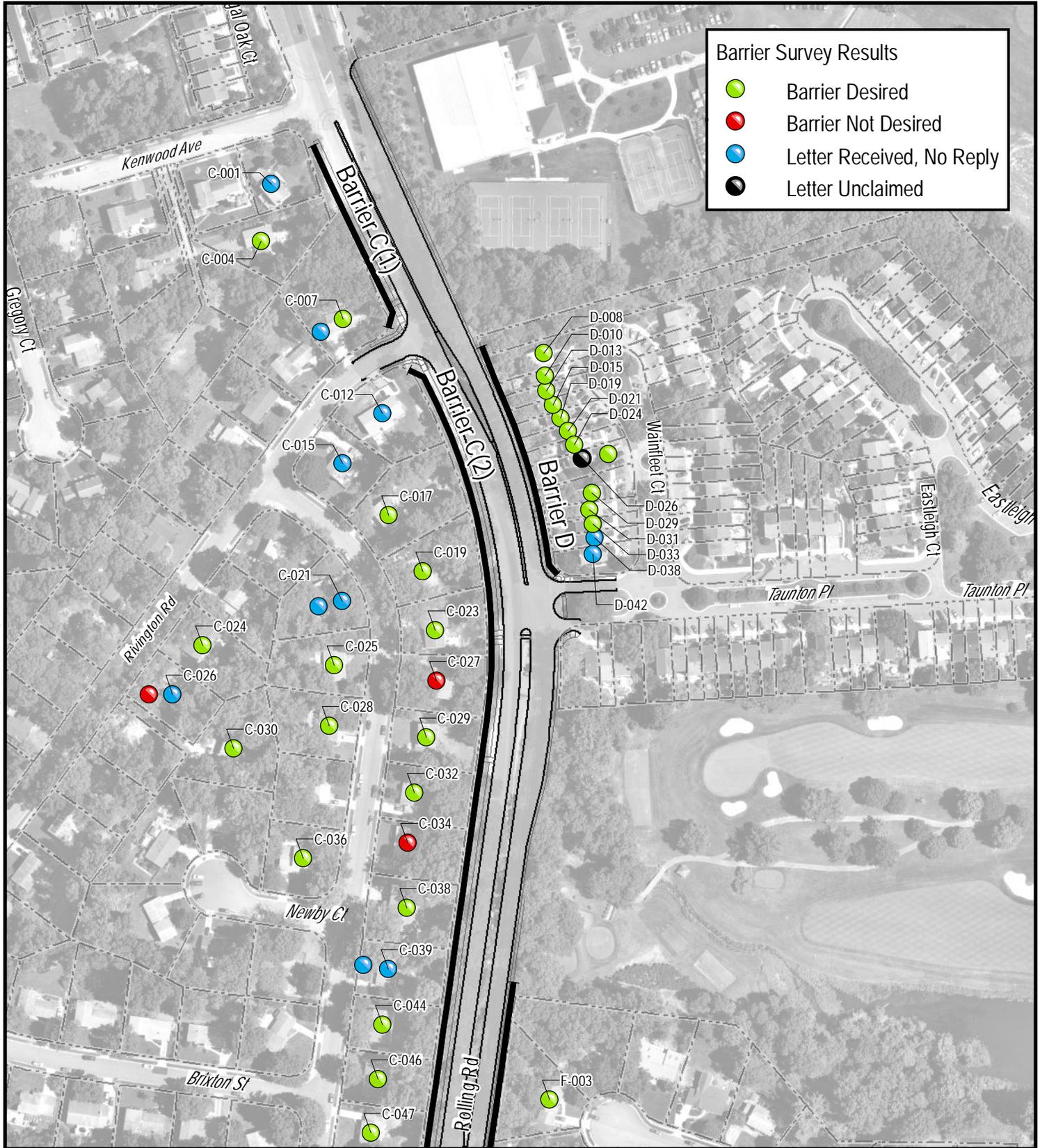
% of "Yes" Votes (All Votes)	% of "No" Votes (All Votes)	% of Outstanding Votes
71.7	18.9	9.4

% of YES Votes (Respondents)	% of NO Votes (Respondents)
79.2	20.8

Results in the box below should only be considered when all of the responses have been tallied
The Barrier Is Recommended for Construction

Version 1.0

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Barrier Survey Results

- Barrier Desired
- Barrier Not Desired
- Letter Received, No Reply
- Letter Unclaimed

-  Recommended Noise Barrier Location
-  Property Parcel

**Rolling Road (Route 638) Widening Project
Noise Abatement Final Design Study
Fairfax County, VA**

May 2019



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Barrier Survey Results

- Barrier Desired
- Barrier Not Desired
- Letter Received, No Reply
- Letter Unclaimed

-  Recommended Noise Barrier Location
-  Property Parcel

Rolling Road (Route 638) Widening Project
 Noise Abatement Final Design Study
 Fairfax County, VA

May 2019



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Barrier Survey Results

- Barrier Desired
- Barrier Not Desired
- Letter Received, No Reply
- Letter Unclaimed

- Recommended Noise Barrier Location
- Property Parcel

**Rolling Road (Route 638) Widening Project
Noise Abatement Final Design Study
Fairfax County, VA**

May 2019



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Barrier Survey Results

-  Barrier Desired
-  Barrier Not Desired
-  Letter Received, No Reply
-  Letter Unclaimed



-  Recommended Noise Barrier Location
-  Property Parcel

**Rolling Road (Route 638) Widening Project
Noise Abatement Final Design Study
Fairfax County, VA**

May 2019



**APPENDIX H CORRESPONDENCE WITH FAIRFAX COUNTY REGARDING
PERMITTED LAND USE**

Chris J. Bajdek

From: Krohmal, Zachary <Zachary.Krohmal@fairfaxcounty.gov>
Sent: Friday, January 18, 2019 9:00 AM
To: Lovejoy Muchenje; Chris J. Bajdek
Cc: Christopher Menge; Steven Varner; Wolfenstein, Leonard
Subject: RE: Proposed Development along the Rolling Road Project Corridor (VDOT UPC 5559/109814)

Categories: 309820 VDOT Rolling Rd

Chris and LJ,

Review of County records did not identify any building permits in this area associated with a land use change. Please let me know if you need anything else from us.

Zach Krohmal

From: Lovejoy Muchenje [mailto:Lovejoy.Muchenje@vdot.virginia.gov]
Sent: Tuesday, January 15, 2019 3:21 PM
To: Krohmal, Zachary <Zachary.Krohmal@fairfaxcounty.gov>; Chris J. Bajdek <cbajdek@hmmh.com>
Cc: Christopher Menge <cmenge@hmmh.com>; Steven Varner <steven.varner@vdot.virginia.gov>; Wolfenstein, Leonard <Leonard.Wolfenstein@fairfaxcounty.gov>
Subject: RE: Proposed Development along the Rolling Road Project Corridor (VDOT UPC 5559/109814)

Thanks Zach

Respectfully,

LJ Muchenje, P.E., PMP | Highway Noise Abatement Coordinator | Environmental Division | Virginia Department of Transportation (VDOT) | 1401 E. Broad Street, Richmond VA | Phone 804-371-6768 | Lovejoy.Muchenje@VDOT.Virginia.gov

****Please note: The Virginia Department of Transportation has recently updated the State Noise Abatement Policy and created a Guidance Manual (February 20, 2018). The policy and manual can be located at the following address: <http://www.virginiadot.org/projects/pr-noise-walls-about.asp>****

From: Krohmal, Zachary [mailto:Zachary.Krohmal@fairfaxcounty.gov]
Sent: Tuesday, January 15, 2019 2:03 PM
To: Muchenje, Lovejoy; Chris J. Bajdek
Cc: Christopher Menge; Varner, Steven; Wolfenstein, Leonard
Subject: RE: Proposed Development along the Rolling Road Project Corridor (VDOT UPC 5559/109814)

LJ,

I have requested that our GIS staff expedite this request, but unfortunately it looks like we won't be able to get you the information until later this week. I'll let you know as soon as I hear back.

Zach Krohmal

From: Muchenje, Lovejoy [mailto:lovejoy.muchenje@vdot.virginia.gov]
Sent: Monday, January 7, 2019 3:01 PM
To: Chris J. Bajdek <cbajdek@hmmh.com>

Cc: Krohmal, Zachary <Zachary.Krohmal@fairfaxcounty.gov>; Christopher Menge <cmenge@hmmh.com>; Varner, Steven <steven.varner@vdot.virginia.gov>; Wolfenstein, Leonard <Leonard.Wolfenstein@fairfaxcounty.gov>
Subject: Re: Proposed Development along the Rolling Road Project Corridor (VDOT UPC 5559/109814)

Zach,

Thank you in advance for assisting us with the information regarding permitted lands. I would appreciate it if you could expedite the request as we are working on a compressed schedule. Your assistance is greatly appreciated.

Thanks,

LJ Muchenje
804-371-6768

On Friday, January 4, 2019, Chris J. Bajdek <cbajdek@hmmh.com> wrote:

That would work. Thank you for your assistance.

Regards,

Chris Bajdek
HMMH O 781.229.0707 x3128 | M 339.234.2522
cbajdek@hmmh.com

From: Krohmal, Zachary <Zachary.Krohmal@fairfaxcounty.gov>
Sent: Friday, January 4, 2019 10:39 AM
To: Chris J. Bajdek <cbajdek@hmmh.com>
Cc: Lovejoy Muchenje (lovejoy.muchenje@VDOT.Virginia.gov) <lovejoy.muchenje@VDOT.Virginia.gov>; Christopher Menge <cmenge@hmmh.com>; Varner, Steven <steven.varner@vdot.virginia.gov>; Wolfenstein, Leonard <Leonard.Wolfenstein@fairfaxcounty.gov>
Subject: RE: Proposed Development along the Rolling Road Project Corridor (VDOT UPC 5559/109814)

Chris,

I do not believe that we will be able to provide the information today – how is next Friday 1/11?

Zach Krohmal

From: Chris J. Bajdek [<mailto:cbajdek@hmmh.com>]
Sent: Thursday, December 27, 2018 10:29 AM
To: Krohmal, Zachary <Zachary.Krohmal@fairfaxcounty.gov>
Cc: Lovejoy Muchenje (lovejoy.muchenje@VDOT.Virginia.gov) <lovejoy.muchenje@VDOT.Virginia.gov>; Christopher Menge <cmenge@hmmh.com>; Varner, Steven <steven.varner@vdot.virginia.gov>; Wolfenstein, Leonard <Leonard.Wolfenstein@fairfaxcounty.gov>
Subject: RE: Proposed Development along the Rolling Road Project Corridor (VDOT UPC 5559/109814)

Zach –

Thanks for your help. The short answer is “Yes.”

As part of the subject project, we need to address potential noise impact for future development in currently undeveloped parcels. However, since the corridor is more or less “built-out,” I expect that if there were any permits for future development, it would be a redevelopment. For example, a golf course that might be redeveloped for residential use. In which case, we’d need to know the dates of the permits. If the permits predate 2/15/2018, we’d have to consider the future land use in our study. If there is such a redevelopment project – we would also be interested in a site plan.

Would the end of next week work, say by Friday, January 4th?

Regards,

Chris Bajdek
HMMH O 781.229.0707 x3128 | M 339.234.2522
cbajdek@hmmh.com

From: Krohmal, Zachary <Zachary.Krohmal@fairfaxcounty.gov>
Sent: Thursday, December 27, 2018 10:00 AM
To: Chris J. Bajdek <cbajdek@hmmh.com>
Cc: Lovejoy Muchenje (lovejoy.muchenje@VDOT.Virginia.gov) <lovejoy.muchenje@VDOT.Virginia.gov>; Christopher Menge <cmenge@hmmh.com>; Varner, Steven <steven.varner@vdot.virginia.gov>; Wolfenstein, Leonard <Leonard.Wolfenstein@fairfaxcounty.gov>
Subject: RE: Proposed Development along the Rolling Road Project Corridor (VDOT UPC 5559/109814)

Chris,

I have received your inquiry and am working to get you an answer. My understanding is that you need to know about all active, permitted projects from 2/15/2018 and earlier within 500 feet of Rolling Road from the Franconia/Springfield Parkway to Old Keene Mill Road.

Do you have a deadline when you need this information by?

Zach Krohmal

From: Chris J. Bajdek [<mailto:cbajdek@hmmh.com>]
Sent: Friday, December 21, 2018 1:39 PM
To: Krohmal, Zachary <Zachary.Krohmal@fairfaxcounty.gov>
Cc: Lovejoy Muchenje (lovejoy.muchenje@VDOT.Virginia.gov) <lovejoy.muchenje@VDOT.Virginia.gov>; Christopher Menge <cmenge@hmmh.com>
Subject: Proposed Development along the Rolling Road Project Corridor (VDOT UPC 5559/109814)
Importance: High

Good afternoon Mr. Krohmal,

Ref: VDOT UPC 5559/109814

As part of the environmental screening for the Rolling Road (Route 638) Widening Phase II Project, we need to identify any potential development within the project corridor. This information is especially critical in making our noise abatement determinations as the Virginia Department of Transportation (VDOT) will only consider providing noise abatement to noise-sensitive land uses with active permits issued before the date of public knowledge, which is 2/15/2018.

Highway traffic noise analyses will be performed for developed lands as well as undeveloped lands if they are considered "permitted." Undeveloped lands are deemed to be permitted when there is a definite commitment to develop land with an approved specific design of land use activities as evidenced by the issuance of at least one building permit. We understand that the corridor is largely built-out; however, we need to consider potential future development (or redevelopment, in this case).

Under contract with and on behalf of VDOT, HMMH is seeking your assistance with the identification potential development within 500 feet of the project corridor in Fairfax County along Rolling Road (Route 638) from the Franconia/Springfield Parkway (Route 289) to Old Keene Mill Road (Route 644).

I thank you in advance for your assistance with this request. If you have any questions or concerns don't hesitate to reach out.

Regards,

Chris

Christopher J. Bajdek
Principal Consultant

HMMH
[77 South Bedford Street, Burlington, MA 01803](https://www.hmmh.com)
O 781.229.0707 x3128 | M 339.234.2522
cbajdek@hmmh.com | [Linked In](#)
www.hmmh.com

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www.hmmh.com

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LJ Muchenje, P.E., PMP | Highway Noise Abatement Coordinator | Environmental Division | Virginia Department of Transportation (VDOT) | 1401 E. Broad Street, Richmond VA | Phone 804-371-6768 | Lovejoy.Muchenje@VDOT.Virginia.gov



****Please note: The Virginia Department of Transportation has recently updated the State Noise Abatement Policy and created a Guidance Manual (February 20, 2018). The policy and manual can be located at the following address: <http://www.virginiadot.org/projects/pr-noise-walls-about.asp>****

APPENDIX I REVISED FINAL DESIGN FOR NOISE BARRIER N (MAY 2019)

HMMH

77 South Bedford Street
Burlington, Massachusetts 01803
781.229.0707
www.hmmh.com

MEMORANDUM

To: LJ Muchenje, VDOT
From: Chris Bajdek, HMMH
Subject: Revised Design for Noise Barrier N – Final Noise Abatement Design Study for the Rolling Road (Route 638) Phase 2 Widening Project
Reference: UPC 5559; VDOT Contract No. 46818, Task Order No. 2
HMMH Project No. 309820.002
Date: May 27, 2019



This memorandum documents a revised design for Noise Barrier N for the Final Noise Abatement Design Study for the Rolling Road (Route 638) Phase 2 Widening Project (UPC 5559). Based on comments received during the public preference survey, HMMH evaluated the noise barrier design summarized herein to avoid a potential conflict with a stairway that is located between the properties at 7015 and 7017 Maple Tree Lane – represented by receptors N-024 and N-026, respectively. The stairway provides access to the sidewalk along Rolling Road, south of Viola Street, for homes on Maple Tree Lane, Duck Court, and Rolling Forest Avenue.

The revised Noise Barrier N would be located along the southbound side of Rolling Road, between Viola St and the stairway described in the preceding paragraph. The revised design would benefit seven out of eight impacted receivers in CNE N. The impacted receptor that is not benefited by the barrier is receptor N-026, representing the single-family home at 7017 Maple Tree Lane. The property owners at both 7017 and 7019 Maple Tree Lane each cast a “No” vote in response to the public preference survey.¹ Scanned copies of the returned ballots for 7017 and 7019 Maple Tree Lane are included as an attachment to this memorandum.

The revised Noise Barrier N would provide 11 to 13 decibels of noise reduction to those receptors behind the barrier. The barrier also would benefit one additional receptor in CNE N that is not impacted. The barrier, as shown in Figure 1, would be 12 feet high and 656 feet long, with a surface area of 7,863 square feet. It would be feasible because it benefits all of the impacted receptors behind it. The revised Barrier N also would be reasonable because it meets the 7-decibel noise reduction design goal at all of the impacted receptors and it has a surface area per benefited receptor of 983. The revised design for Barrier N would provide an average noise reduction of 12.1 dB at the benefited receptors.

In the previous design that posed a conflict with the stairway, receptor N-024 had been benefited and was expected to receive 9 decibels of noise reduction with a barrier that was 841 feet long. However, given the site geometry, this receptor is not impacted in the design year. The predicted design year noise level without a noise barrier is 62 dBA. With the

¹ The single-family residence at 7019 Maple Tree Lane is represented by receptor N-029. The proposed project is not expected to impact this receptor in the design year.

HMMH

revised design that terminates at the stairway, receptor N-024 receives a noise reduction of only 4 decibels.

Table 1 provides the revised sound level results and receptor status for all of the noise-sensitive properties in CNE N. The revised sound attenuation line for Noise Barrier N is provided in Table 2.

Note that HMMH also evaluated a noise barrier design that includes a section of noise barrier south of the stairway – as an alternative to the revised design described herein. The alternative design was found to be feasible and reasonable and would benefit receptors N-026 and N-029 at 7017 and 7019 Maple Tree Lane, respectively.

A copy of this memorandum will be included as an appendix to the final version of the noise abatement design report.

Table 1. Revised Sound Level Results for Noise Barrier N

Site ID	Address/ Description	DUs	NAC	Row	L _{eq} w/o bar (dBA) ¹	With-bar L _{eq} (dBA) ¹	Insertion Loss (dBA) ¹	Benefit/Impact Status
N-001	8101 VIOLA ST	1	B	1	68	57	11	Benefit/Impact
N-002	7001 MAPLE TREE LN	1	B	1	68	55	12	Benefit/Impact
N-003	7002 MAPLE TREE LN	1	B	1	52	50	1	No Impact/No Benefit
N-004	7003 MAPLE TREE LN	1	B	1	68	55	12	Benefit/Impact
N-005	7002 MAPLE TREE LN	1	B	1	56	54	3	No Impact/No Benefit
N-006	8105 VIOLA ST	1	B	1	50	48	1	No Impact/No Benefit
N-007	8107 VIOLA ST	1	B	1	51	50	1	No Impact/No Benefit
N-008	7101 ROLLING FOREST AVE	1	B	1	51	50	1	No Impact/No Benefit
N-009	7005 MAPLE TREE LN	1	B	1	67	55	12	Benefit/Impact
N-010	7004 MAPLE TREE LN	1	B	1	56	53	3	No Impact/No Benefit
N-011	7103 ROLLING FOREST AVE	1	B	1	52	51	1	No Impact/No Benefit
N-012	7007 MAPLE TREE LN	1	B	1	66	54	12	Benefit/Impact
N-013	7006 MAPLE TREE LN	1	B	1	56	53	3	No Impact/No Benefit
N-014	7105 ROLLING FOREST AVE	1	B	1	51	50	1	No Impact/No Benefit
N-015	7009 MAPLE TREE LN	1	B	1	66	54	12	Benefit/Impact
N-016	7008 MAPLE TREE LN	1	B	1	56	53	3	No Impact/No Benefit
N-017	7107 ROLLING FOREST AVE	1	B	1	52	51	1	No Impact/No Benefit
N-018	7010 MAPLE TREE LN	1	B	1	55	52	2	No Impact/No Benefit
N-019	7011 MAPLE TREE LN	1	B	1	65	53	12	Benefit/No Impact
N-020	7109 ROLLING FOREST AVE	1	B	1	52	50	1	No Impact/No Benefit
N-021	7013 MAPLE TREE LN	1	B	1	67	54	13	Benefit/Impact
N-022	7012 MAPLE TREE LN	1	B	1	54	52	2	No Impact/No Benefit

HMMH

Rolling Road (UPC 5559) Revised Design for Noise Barrier N
LJ Muchenje, VDOT

May 27, 2019
Page 3

Site ID	Address/ Description	DUs	NAC	Row	Leq w/o bar (dBA) ¹	With-bar Leq (dBA) ¹	Insertion Loss (dBA) ¹	Benefit/Impact Status
N-023	7111 ROLLING FOREST AVE	1	B	1	51	50	1	No Impact/No Benefit
N-024 ²	7015 MAPLE TREE LN	1	B	1	62	58	4	No Impact/No Benefit
N-025	7014 MAPLE TREE LN	1	B	1	54	52	2	No Impact/No Benefit
N-026 ²	7017 MAPLE TREE LN	1	B	1	66	66	0	No Impact/No Benefit
N-027	7113 ROLLING FOREST AVE	1	B	1	50	49	1	No Impact/No Benefit
N-028	7016 MAPLE TREE LN	1	B	1	52	51	1	No Impact/No Benefit
N-029 ²	7019 MAPLE TREE LN	1	B	1	60	60	0	No Impact/No Benefit
N-030	7115 ROLLING FOREST AVE	1	B	1	51	50	1	No Impact/No Benefit
N-031	7018 MAPLE TREE LN	1	B	1	52	51	1	No Impact/No Benefit
N-032	7021 MAPLE TREE LN	1	B	1	54	53	1	No Impact/No Benefit
N-033	7020 MAPLE TREE LN	1	B	1	52	51	1	No Impact/No Benefit
N-034	7203 DUCK CT	1	B	1	52	51	1	No Impact/No Benefit
N-035	7205 DUCK CT	1	B	1	51	51	1	No Impact/No Benefit
N-036	7115 TANWORTH DR	1	B	1	58	58	0	No Impact/No Benefit
N-037	7115 TANWORTH DR	1	B	1	55	54	0	No Impact/No Benefit
N-038	7113 TANWORTH DR	1	B	1	53	53	0	No Impact/No Benefit
N-039	7111 TANWORTH DR	1	B	1	52	51	0	No Impact/No Benefit
N-040	7109 TANWORTH DR	1	B	1	51	50	1	No Impact/No Benefit
N-041	7107 TANWORTH DR	1	B	1	50	50	1	No Impact/No Benefit
N-042	7105 TANWORTH DR	1	B	1	49	49	1	No Impact/No Benefit
N-043	7103 TANWORTH DR	1	B	1	49	48	1	No Impact/No Benefit

Source: HMMH, 2019

Notes:

- 1.) Apparent discrepancies are due to rounding. Noise levels and insertion loss values are calculated to one tenth of an A-weighted decibel (dBA) and then rounded for presentation purposes.
- 2.) Receptors N-024, N-026, and N-029 were benefited with the noise barrier design that was documented in the Draft Noise Abatement Design Report (HMMH, February 2019).

Table 2. Revised Sound Attenuation Line for Noise Barrier N

Approximate Station No.	Barrier Coordinates (NAD 83 VA State Plane North; US Survey Feet)		Elevation (feet)		Estimated Height Above Ground (feet)
	X	Y	Estimated Ground	Top of Barrier	
2011+00	11,847,326.00	6,964,177.00	277.01	289.01	12
2010+75	11,847,337.00	6,964,154.50	276.13	288.13	12
2010+50	11,847,346.00	6,964,136.50	275.01	287.01	12
2010+00	11,847,354.00	6,964,116.50	273.31	285.31	12
2009+75	11,847,364.00	6,964,093.50	272.49	284.49	12
2009+50	11,847,374.00	6,964,068.00	270.92	282.92	12
2009+25	11,847,380.00	6,964,047.50	270.83	282.83	12
2009+00	11,847,386.00	6,964,027.50	270.44	282.44	12
2008+75	11,847,390.00	6,964,006.00	269.73	281.73	12
2008+50	11,847,395.00	6,963,984.00	268.96	280.96	12
2008+25	11,847,398.00	6,963,963.00	268.46	280.46	12
2008+00	11,847,402.00	6,963,939.00	267.85	279.85	12
2007+75	11,847,404.00	6,963,916.50	267.14	279.14	12
2007+60	11,847,407.00	6,963,893.50	266.2	278.2	12
2007+40	11,847,409.00	6,963,870.50	265.36	277.36	12
2007+25	11,847,412.00	6,963,844.50	264.74	276.74	12
2007+00	11,847,415.00	6,963,821.50	264.6	276.6	12
2006+75	11,847,417.00	6,963,800.00	264.45	276.45	12
2006+50	11,847,420.00	6,963,775.50	263.54	275.54	12
2006+25	11,847,422.00	6,963,751.00	262.87	274.87	12
2006+00	11,847,425.00	6,963,729.00	262.72	274.72	12
2005+75	11,847,428.00	6,963,708.00	263.14	275.14	12
2005+50	11,847,431.00	6,963,687.00	262.17	274.17	12
2005+35	11,847,436.00	6,963,663.00	262	274	12
2005+20	11,847,440.00	6,963,642.00	261.51	273.51	12
2005+00	11,847,444.00	6,963,627.00	261.4	273.4	12
2004+75	11,847,449.00	6,963,604.50	261.48	273.48	12
2004+50	11,847,455.00	6,963,583.50	260.17	272.17	12
2004+25	11,847,462.00	6,963,561.50	260.16	272.16	12
2004+00	11,847,469.00	6,963,542.00	259.81	271.81	12

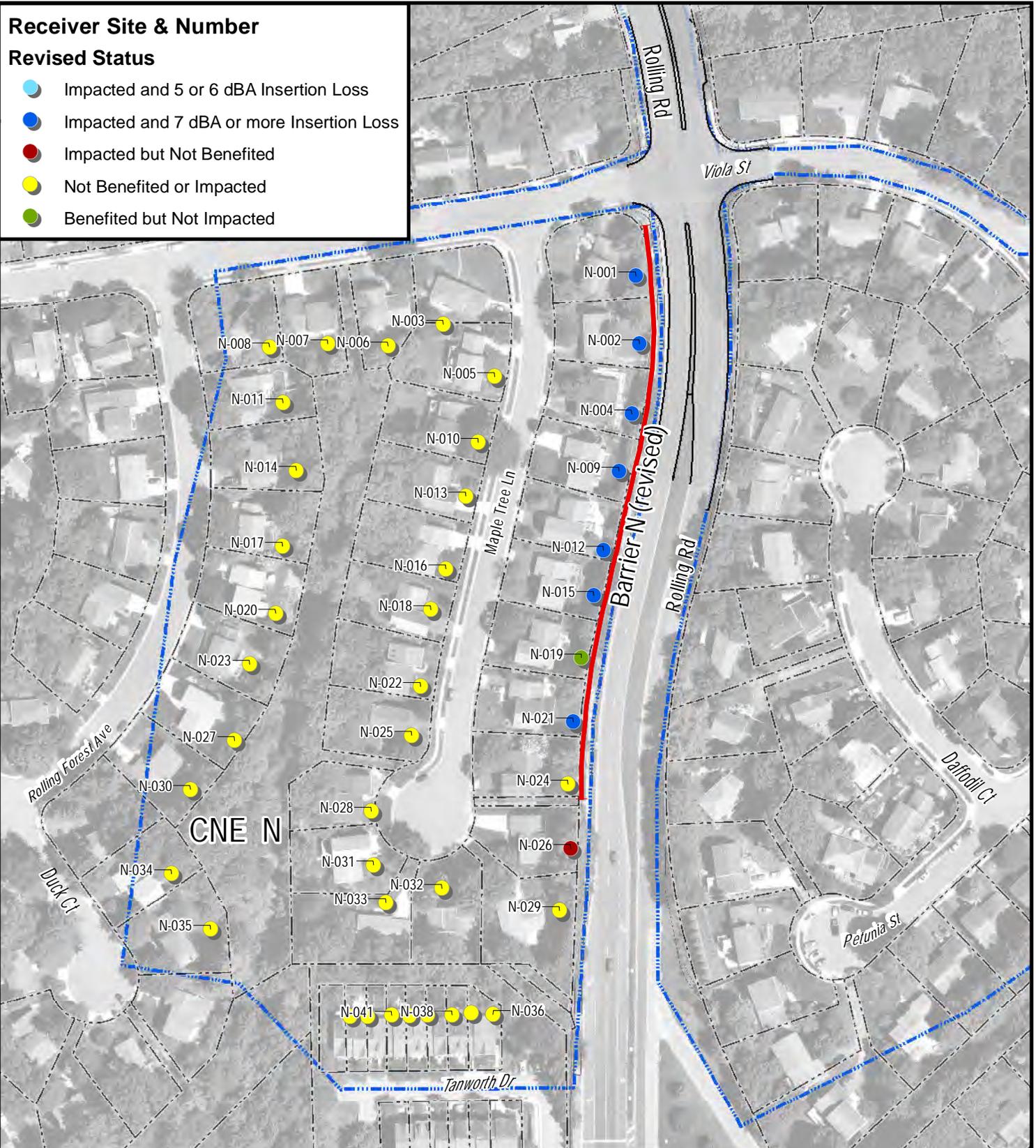
Source: HMMH, 2019

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Receiver Site & Number

Revised Status

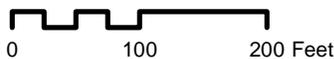
- Impacted and 5 or 6 dBA Insertion Loss
- Impacted and 7 dBA or more Insertion Loss
- Impacted but Not Benefited
- Not Benefited or Impacted
- Benefited but Not Impacted



Recommended Noise Barrier Location



Property Parcel



Rolling Road (Route 638) Widening Project Noise Abatement Final Design Study

Figure 1 - Revised Barrier N (Avoids Conflict with Stairway)

May 2019



HMMH

77 South Bedford Street
Burlington, Massachusetts 01803
781.229.0707
www.hmmh.com

Attachments



Rolling Road (Route 638) Widening Phase II Project

VDOT Project No. 0638-029-337, C501, R201

UPC 5559, 109814

Noise Barrier N

February 22, 2019

Public Input Survey Ballot

SHERRY C TR BEYERS
7017 MAPLE TREE LN
SPRINGFIELD, VA 22152

Email: Kycat73@gmail.com

Phone: 703-451-9247

Are you the current property owner? Yes No

Do you want the sound barrier wall? Yes No

Comments:

Are you planning to block the sidewalk
and stairs going to Rolling Road?

How much of my property will you need to use to
build the wall?

Signed: Sherry Beyers Date: 3-4-2019

Signed: _____ Date: _____

Please return the ballot using the postage-paid envelope by March 4, 2019 to VDOT's consultant. For your convenience, the mailing address is presented below in the event the postage-paid envelope is misplaced.

Ms. Heather Hamilton
Harris Miller Miller & Hanson Inc.
77 South Bedford Street
Burlington, MA 01803

Thank you for your input in this roadway design process.

Rolling Road (Route 638) Widening Phase II Project

VDOT Project No. 0638-029-337, C501, R201

UPC 5559, 109814

Noise Barrier N

February 22, 2019

Public Input Survey Ballot

GERARD FRANCOIS, AND REBECCA
7019 MAPLE TREE LN
SPRINGFIELD, VA 22152

Email: bsfrancois@gmail.com

Phone: 703-451-5055

Are you the current property owner? Yes

No

Do you want the sound barrier wall? Yes

No

Comments:

the wall will not reduce much sound at my end (bottom of cul de sac lot # 264). It will block out light - much need in my yard - + kill the rest of the grass. since we get a lot of ^{water} run off from the road, poor grading - etc. we are at the bottom of the slope - Our property will suffer from this + all the others + will as well.

Signed: Rebecca Francois Date: 3/1/19

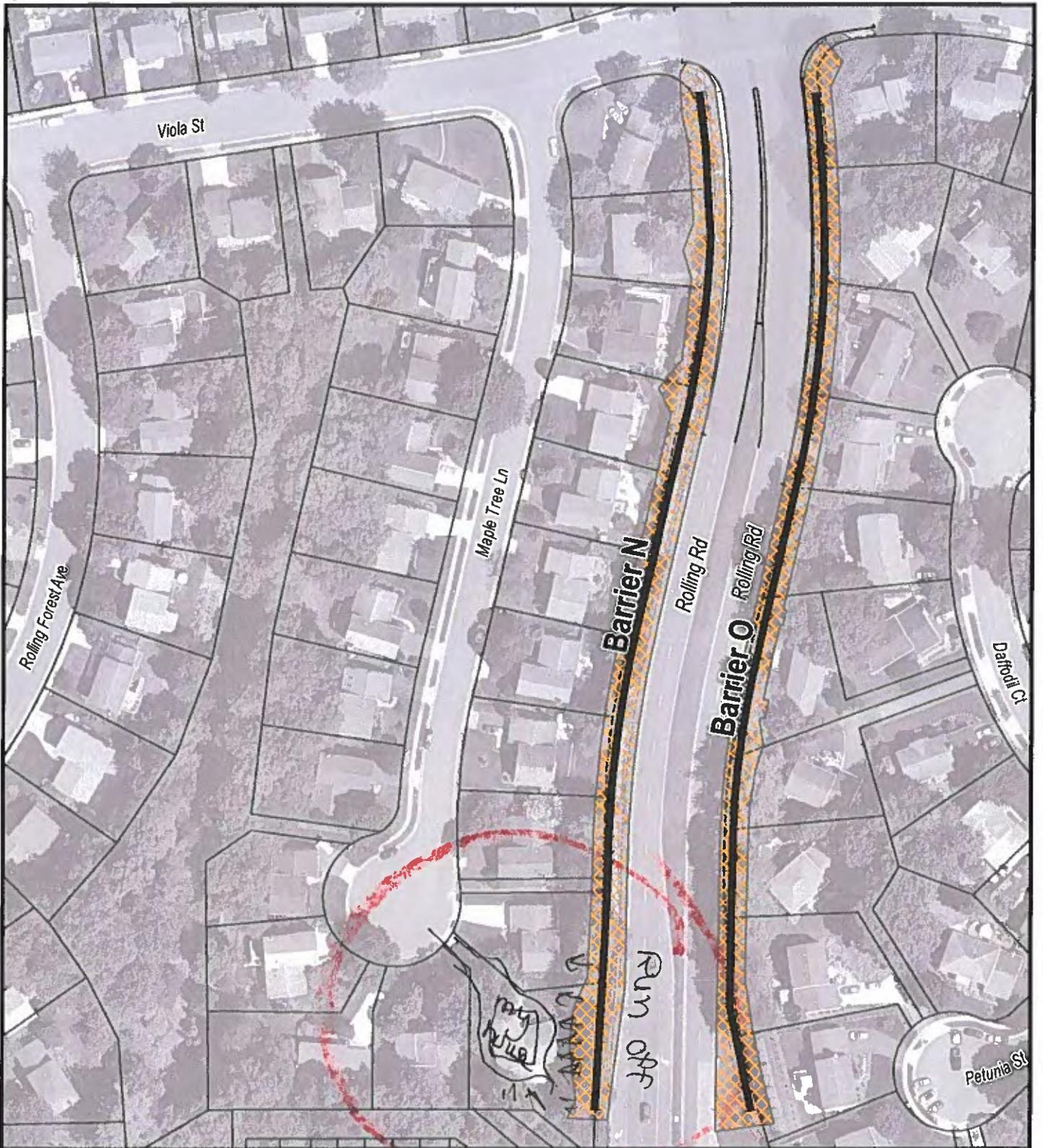
Signed: [Signature] Date: 3/1/19

Please return the ballot using the postage-paid envelope by March 4, 2019 to VDOT's consultant. For your convenience, the mailing address is presented below in the event the postage-paid envelope is misplaced.

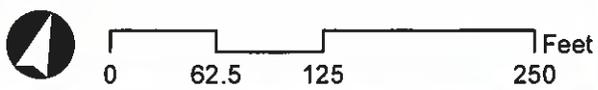
Ms. Heather Hamilton
Harris Miller Miller & Hanson Inc.
77 South Bedford Street
Burlington, MA 01803

Thank you for your input in this roadway design process.

I discussed with someone earlier that if the wall passes - it may be possible to eliminate the one at my property.



-  Recommended Noise Barrier Location
-  Approximate Shrub Clearing Area
-  Property Parcel



Rolling Road (Route 638) Widening Project
Noise Abatement Final Design Study
 Fairfax County, VA

February 2019



APPENDIX J LIST OF PREPARERS

This appendix lists the preparers of this report, who are all with Harris Miller Miller & Hanson Inc.:

- Christopher Menge, Senior Technical Advisor
- Christopher Bajdek, Project Manager
- Hayden Jubera, Noise Analyst (measurements, modeling, barrier design and graphics)
- Michael Hamilton, GIS support and report graphics
- Jessie Rancourt, Noise Measurements
- Emma Butterfield, Noise Analyst
- Kristine Collins, public survey support
- Heather Hamilton, public survey support

TNM Certification of HMMH's Senior Technical Advisor, Christopher Menge, is on file in VDOT's offices.